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Reg. No. :

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Question Paper Code: 99103

B.E. / B.Tech DEGREE EXAMINATION, NOV 2025

Professional Elective

Civil Engineering

19UCE903- HOUSING PLANNING AND MANAGEMENT

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5Marks)

1. FSI is estimated as _____ CO1- U
 - (a) Ratio between Plot Area to Plot Coverage
 - (b) Ratio between Built up Area to Plinth Area
 - (c) Ratio between Built up Area to Plot Area
 - (d) Ratio between Built up Area to Plot ratio

2. Rental housing scheme focus on CO1-U
 - (a) meeting the housing demands of government employees
 - (b) meeting the housing demands of private company employees
 - (c) meeting the housing demands of employees with constant salary
 - (d) meeting the housing demands of general public

3. Housing project price is fixed based on CO1-U
 - (a) Plots development cost + Loan repayment + interest on loan-loss
 - (b) Plots development cost + Loan repayment + interest on loan + Profit
 - (c) Plots development cost + Loan repayment + interest on loan+Loss
 - (d) Plots development cost + Loan repayment + interest on loan-profit

4. Abbreviation of HUDCO is CO1-U
- (a) Housing & Urban Development Corporation limited.
- (b) Home and Urban Development Corporation
- (c) House under Development Corporation
- (d) Home under Development Company
5. Rent is calculated as _____ CO1- U
- (a) 10% of the worthiness of the House
- (b) 18% of the worthiness of the House
- (c) 30% of the worthiness of the House
- (d) 20% of the worthiness of the House

PART – B (5 x 3= 15Marks)

6. Narrate the influence of Household size on Plot size CO1- U
7. What are the objectives of slum Clearance? CO3-App
8. What are the recommendations of layout govern by NBC? CO3-App
9. What is Objectives of waste utilization of new construction techniques? CO1-U
10. Enumerate the various stages of project appraisal method. CO3- App

PART – C (5 x 16= 80Marks)

11. (a) Interpret briefly about types of Agricultural buildings for Agricultural work? CO3- App (16)
- Or
- (b) Interpret briefly about the various types of residential buildings using for living purpose? CO3- App (16)
12. (a) What do you understands by the term Open Development Plots? CO1- U (16)
- Or
- (b) Explain the merits and demerits of co-operative housing. CO1- U (16)
13. (a) Choose the provisions of building bye laws be followed in constructing a residential building as per the provisions given by Building Bye Laws 1970. CO1- U (16)
- Or
- (b) Explain the salient features to be considered in housing layout design CO1- U (16)

14. (a) What is meant by Cost effective building materials and how to Utilisation Cost effective building materials? CO1- U (16)
- Or
- (b) Explain the various equipment used for construction techniques? CO1- U (16)
15. (a) Explain briefly about Economic appraisal of housing and plotted development projects. CO1- U (16)
- Or
- (b) Explain briefly about rent and recovery pattern. CO1- U (16)

